BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division,Yelahanka Zone

Executive Engineer
Yelahanka Division
B.B.M.P. Bengaluru-64
No:EE/YNK-D/E-PMT/08/2021-22 Dated: 30-08-2021

MODIFIED SCHEDULE-'B'

ME OF WORK:- "Restoration and Improvements of Balance roads of Chowdeshwari layout, Mariyappa layout, iraju layout, jyothinagara 1st main road, Deo Marvel layout, Sainagara phase-1 and surrounding areas in ward no - f Yelahanka New town Sub division (PACKAGE NO-13)"

	Description	unit	Modified Quantity	Rate quoted by the contractor approved rates Sri RAJESWAREN SATHEESH (SATHYA CONSTRUCTIONS)	
				Rate	Amount
	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification and as per the directions of the Engineer-in-charge of the work Qty upto 125%	Cum	8591.85	217.43	Rupees Two Hundred Seventeen and Forty Three Paise Only
	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	1373.05	5675.99	Rupees Five Thousand Six Hundred Seventy Five and Ninety Nine Paise Only
	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work Qty upto 125%	Cum	2737.36	7497.22	Rupees Seven Thousand Four Hundred Ninety Seven and Twenty Two Paise Only

Sl	Description	unit	Modified Quantity	Rate quoted by the contractor approved rates Sri RAJESWAREN SATHEESH (SATHYA CONSTRUCTIONS)	
				Rate	Amount
14	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification and as per the directions of the Engineer-in-charge of the work Qty upto 125%	Cum	3826.17	2021.29	Rupees Two Thousand Twenty One and Twenty Nine Paise Only
15	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specification and as per the directions of the Engineer-in-charge of the work Qty upto 125%	Sqm	19100.54	34.26	Rupees Thirty Four and Twenty Six Paise Only
16	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification and as per the directions of the Engineer-in-charge of the work Qty upto 125%	Cum	955.03	7365.73	Rupees Seven Thousand Three Hundred Sixty Five and Seventy Three Paise Only
17	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work Qty upto 125%	Sqm	19100.54	12.85	Rupees Twelve and Eighty Five Paise Only
18	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification and as per the directions of the Engineer-in-charge of the work Qty upto 125%	Cum	764.02	8534.82	Rupees Eight Thousand Five Hundred Thirty Four and Eighty Two Paise Only

Sl	Description	unit	Modified Quantity	Rate quoted by the contractor approved rates Sri RAJESWAREN SATHEESH (SATHYA CONSTRUCTIONS)	
				Rate	Amount
19	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specification and as per the directions of the Engineer-in-charge of the work Qty upto 125%	Sqm	616.23	459.29	Rupees Four Hundred Fifty Nine and Twenty Nine Paise Only
20	Road markers/ Road stud , KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering thje lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97-DO III Dt 11.06.1997.The height, width and length shall not exceed 50mm, 100mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree.The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19mm and height not less than 30mm)from the body is to be a minimum value of 500kg. Fixing will be by drilling holes on the road for the shanks to go inside, without ails and using epoxy resin based adhesive as per manufacture's recommendation and complete as per specification and as per the directions of the Engineer-in-charge of the work	Nos	0.00	0.00	0

Signature of Contractor

Executive Engineer
Yelahanka Division
BBMP Bangalore